

**Abstract****5 Microcomponent comprising a hermetically-sealed microcavity and  
method for production of such a microcomponent**

The microcavity (6) is delineated by a cover, comprising a first layer (4), in which at least one hole (5) is formed. A second layer hermetically seals the microcavity. A third layer (9) is arranged between the first (4) and the second 10 layer. An additional microcavity (11), communicating with the hole (5), is arranged between the first (4) and the third (9) layer. At least one additional hole, adjacent to the additional microcavity (11), formed in the third layer (9) and offset with respect to the hole (5), is sealed by the second layer, after sacrificial layers have been removed through the additional hole. The 15 microcomponent comprises at least one mechanically stressed layer arranged above the first layer (4).

(Figure 13)